| Ref<br>#  | Hits  | Search Query                                | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|-----------|-------|---|---|---------------------|---------|------------------|
| S1        | 101   | KARTTUNEN.in.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/06 14:01 |
| S2        | 6     | KARTTUNEN-lauri.in.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/06 14:07 |
| S3        | 0     | KARTTUNEN-laurie.in.                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/06 14:07 |
| S4        | 4     | KARTTUNEN-I.in.                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/06 14:09 |
| <b>S5</b> | 3     | beeseley.in.                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/06 14:12 |
| S6        | 338   | beesley.in.                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/06 14:21 |
| S7        | 0     | beesley-kenneth.in.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/06 14:12 |
| S8        | 0     | beesley-k.in.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/06 14:12 |
| S9        | 10878 | "finite state" FSN FST                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/06 14:22 |
| S10       | 594   | "704"/\$.ccls. and ("finite state" FSN FST) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/06/06 14:27 |

| S11 | 248 | "704"/\$.ccls. and (("finite state"<br>FSN FST) with (compil\$4 creat\$4<br>build\$4 generat\$6 construct\$4<br>mak\$4 produc\$4))                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/06 14:28 |
|-----|-----|--|---|----|----|------------------|
| S12 | 1   | "704"/\$.ccls. and (("finite state"<br>FSN FST) with (compil\$4 creat\$4<br>build\$4 generat\$6 construct\$4<br>mak\$4 produc\$4)) and nonconcat\$ | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/06 14:33 |
| S13 | 0   | "704"/\$.ccls. and (("finite state"<br>FSN FST) with (compil\$4 creat\$4<br>build\$4 generat\$6 construct\$4<br>mak\$4 produc\$4)) and infixat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/06 14:33 |
| S14 | 1   | "704"/\$.ccls. and (("finite state"<br>FSN FST) with (compil\$4 creat\$4<br>build\$4 generat\$6 construct\$4<br>mak\$4 produc\$4)) and interdig\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/06 14:30 |
| S15 | 2   | "704"/\$.ccls. and (("finite state"<br>FSN FST) with (compil\$4 creat\$4<br>build\$4 generat\$6 construct\$4<br>mak\$4 produc\$4)) and reduplic\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/06 14:31 |
| S16 | 3   | "704"/\$.ccls. and (("finite state"<br>FSN FST) with (compil\$4 creat\$4<br>build\$4 generat\$6 construct\$4<br>mak\$4 produc\$4)) and gemin\$     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/06 14:31 |
| S17 | 1   | "704"/\$.ccls. and ("finite state" FSN FST) and nonconcat\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/07 12:14 |
| S18 | 1   | "704"/\$.ccls. and ("finite state" FSN FST) and infixat\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/06 14:40 |
| S19 | 17  | "704"/\$.ccls. and ("finite state" FSN FST) and (cross adj product)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/06 14:46 |
| S20 | 17  | "704"/\$.ccls. and ((finite adj state)<br>FSN FST) and (cross adj product)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/06 17:19 |

| S21 | 49 | "704"/\$.ccls. and (((finite adj state)<br>FSN FST) with (updat\$4 modif\$<br>adapt\$4))               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON  | 2005/06/07 08:27 |
|-----|----|--|---|------|-----|------------------|
| S22 | 79 | "704"/\$.ccls. and (((finite adj state) FSN FST) with (updat\$4 modif\$ adapt\$4 combin\$4))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/06/07 08:33 |
| S23 | 89 | "704"/\$.ccls. and (((finite adj state) FSN FST) with (updat\$4 modif\$ adapt\$4 combin\$4 replac\$5)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/06/07 10:14 |
| S24 | 2  | ("5594641").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/06/07 08:49 |
| S25 | 2  | ("5565554").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/06/07 08:49 |
| S26 | 2  | ("5625554").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/06/07 08:53 |
| S27 | 2  | ("5642522").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/06/07 08:53 |
| S28 | 21 | "704"/\$.ccls. and (((finite adj state) FSN FST) with optimiz\$)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/06/07 11:39 |
| S29 | 33 | "704"/\$.ccls. and (((finite adj state) FSN FST) with transform\$)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/06/07 11:39 |
| S30 | 5  | ("finite state" FSN FST) and nonconcat\$   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/06/08 16:27 |

| S31 | 878 | 704/9.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR    | ON | 2005/06/07 13:51 |
|-----|-----|---|---|-------|----|------------------|
| S32 | 124 | (US-5477451-\$ or US-5369577-\$ or US-5323316-\$ or US-5299125-\$ or US-4811400-\$ or US-4783811-\$ or US-6760636-\$ or US-6745161-\$ or US-6601026-\$ or US-6587844-\$ or US-6574597-\$ or US-6556972-\$ or US-6505157-\$ or US-6430557-\$ or US-6405162-\$ or US-6374224-\$ or US-6356865-\$ or US-6308149-\$ or US-6289304-\$ or US-6282507-\$ or US-6278973-\$ or US-6278968-\$ or US-6272464-\$ or US-6278968-\$ or US-6243679-\$ or US-6243669-\$ or US-623150-\$ or US-6032111-\$ or US-6023760-\$ or US-5806032-\$ or US-5768603-\$ or US-5781884-\$ or US-5768603-\$ or US-5721939-\$ or US-5768603-\$ or US-5721939-\$ or US-57088003-\$ or US-5708830-\$ or US-5721939-\$ or US-57088003-\$ or US-570880 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR    | ON | 2005/06/08 11:59 |
|     | -   | US-5708829-\$ or US-5610812-\$ or<br>US-5510981-\$).did. or<br>(US-20020198713-\$ or<br>US-20020198702-\$ or<br>US-20020152062-\$ or  | 2 - 4   | ÷ (1) |    |                  |
|     |     | US-20020120437-\$ or<br>US-20020091512-\$ or<br>US-20020046017-\$ or<br>US-20030074187-\$ or<br>US-20030065505-\$ or  |   |       |    |                  |
|     |     | US-20030055644-\$ or US-20030055641-\$ or US-20030046087-\$ or US-20030046055-\$ or US-20030033135-\$ or US-20030004705-\$ or US-20030120480-\$ or US-20040019483-\$ or US-20040078204-\$ or US-200400111264-\$ or US-20040143435-\$ or US-20040117184-\$).did.   |   |       |    |                  |
| S33 | 0   | WO99/01828.ptpn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR    | ON | 2005/06/08 11:59 |

|     | r   |   | <del></del>   | T  |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S34 | 0   | WO99/01828  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/06/08 11:59 |
| S35 | 0   | WO9901828   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/06/08 11:59 |
| S36 | 10  | "9901828"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/06/08 12:03 |
| S37 | 2   | ("6278973").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/08 12:10 |
| S38 | 2   | ("5737621").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/08 12:16 |
| S39 | 2   | ("6032111").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/08 12:18 |
| S40 | 2   | ("5610812").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/08 12:18 |
| S41 | 149 | ("finite state" FSN FST) and ((compil\$4 construct\$4) with replac\$4)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/06/08 16:31 |
| S42 | 11  | "704"/\$.ccls. and ("finite state" FSN FST) and ((compil\$4 construct\$4) with replac\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/06/08 16:50 |
| S43 | 40  | "704"/\$.ccls. and (("finite state" FSN FST transducer automata) with replac\$4)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/06/08 16:55 |

| S44 | 108 | "704"/\$.ccls. and (("finite state"<br>FSN FST) with (compil\$4<br>construct\$4))        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/06/08 16:50 |
|-----|-----|--|---|----|-----|------------------|
| S45 | 16  | "704"/\$.ccis. and (("finite state"<br>FSN FST transducer automata) with<br>substitut\$) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/06/08 16:55 |
| S46 | 2   | ("6278973").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/08 18:11 |
| S47 | 5   | ("6278973").URPN.  | USPAT   | OR | ON  | 2005/06/08 18:12 |